LMA District Cover Sheet

Spring 2011 Levee Inspection Results

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)				
* Overall LMA Rating (Fall Only)								
	** Non-receipt of Su	ımmer or Winter Inspe	ection Reports may effec	ct overall annual rating				
* SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall. FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.								
omments								

Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Bank	Unit Miles							
	Unit No. 01 San Joaquin River Right 22.56								
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)									
Date of Inspection	5/2/2011 - 5/5/2011								
DWR Inspector	Richard Willoughby								
Accompanied By									
Check one:									
 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments									
information must also be s	3	eet should be signed an	nd dated by the LMA Represent 31 (Winter Inspection). Pleas spection Reports, Suite 200	tative an	d returned to				
x									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	05/02/2011 05/05/2011	Richard Willoughby

LMR	Levee	e Mile	Category	Item	Location *	Rating	Action/Comment	GPS Latitud	e/Longitude	Issue No.
8	Start	End	Culcgory	Ttom	tion	ng	/ tottor# comment	Start	End	Photo
1	0.01	22.55	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.348683 ° -120.958683 °	37.166800 ° -120.749588 °	4
2	0.01	22.55	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.348682 ° -120.958688 °	37.166802 ° -120.749590 °	
3	0.16	0.16	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees over roadway to at least 12 feet above ground level.	37.347152 ° -120.960560 °	37.347152 ° -120.960560 °	7
4	0.24	0.27	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	37.346152 ° -120.961402 °	37.345822 ° -120.961638 °	1
5	3.72	3.74	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.313892 ° -120.926507 °	37.313598 ° -120.926607 °	
6	4.00	4.08	Earthen Levee	Encroachments	LS	РО	Agricultural Ditch	37.310837 ° -120.926182 °	37.310003 ° -120.925313 °	
7	4.20	4.20	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	37.308540 ° -120.924003 °	37.308540 ° -120.924003 °	
8	19.33	19.33	Earthen Levee	Encroachments	CR	М	Pipe Inspector Comments: Farmer installed a temp pipe across levee crown and landside and waterside slope. Ramp is not according to standards.	37.200923 ° -120.756987 °	37.200923 ° -120.756987 °	8 Y
9	22.09	22.56	Earthen Levee	Encroachments	LS	РО	Agricultural Ditch	37.169962 ° -120.754240 °	37.166983 ° -120.750127 °	

* Location

LS : Landside

WS : Waterside

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	05/02/2011 05/05/2011	Richard Willoughby

La candida Bassatilia	_					
Levee Mile Report Line	5					
Start Levee Mile						
End Levee Mile	3.74					
Location	Land Side					
Category	Earthen Levee					
Item	Animal Control					
Typical view of squirrel burrows in this section of levee						
richard_s_20110215_074.jpg						

Levee Mile Report Line	5				
Start Levee Mile	3.72				
End Levee Mile	3.74				
Location	Land Side				
Category	Earthen Levee				
Item	Animal Control				
Looking at typical view of squirrel burrows on landside slope in this section of levee.					

richard_s_20110215_075.jpg

Levee Mile Report Line	6				
Start Levee Mile	4.00				
End Levee Mile	4.08				
Location	Land Side				
Category	Earthen Levee				
Item	Encroachments				
Looking south at irrigation ditch along landside toe.					
richard_s_20110215_076.jpg					







** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	05/02/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	4.00
End Levee Mile	4.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking north at irrigation	n ditch along landside toe.
richard_s_20110215_077.jpg	

Levee Mile Report Line	8				
Start Levee Mile	19.33				
End Levee Mile	19.33				
Location	Crown				
Category	Earthen Levee				
Item	Encroachments				
Looking north at unauthorized pipe across crown of levee with a ramp.					

richard_s_20110510_533.jpg						
Levee Mile Report Line	8					
Start Levee Mile	19.33					
End Levee Mile	19.33					
Location	Crown					
Category	Earthen Levee					
Item	Encroachments					
Looking northwest at pipe on waterside slope.						
richard_s_20110510_534.jpg						







** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	05/02/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	8						
Start Levee Mile	19.33						
End Levee Mile	19.33						
Location	Crown						
Category	Earthen Levee						
Item	Encroachments						
Looking northeast at pipe on landside slope.							

Levee Mile Report Line	9
Start Levee Mile	22.09
End Levee Mile	22.56
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking at landside ditch	at levee toe.

richard	s	20110215	078.jpg

Levee Mile Report Line	9					
Start Levee Mile	22.09					
End Levee Mile	22.56					
Location	Land Side					
Category	Earthen Levee					
Item	Encroachments					
Looking southeast at ditch along landside toe.						
richard_s_20110215_079.jpg						







** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles					
	Unit No. 02A San	Joaquin River		Left	7.87					
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)										
Date of Inspection	5/5/2011 - 5/5/2011									
DWR Inspector	Richard Willoughby									
Accompanied By										
Check one:										
project components conditions other tha	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no change	ges in flo						
project components maintenance and th following changes ir (In the comment see	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments										
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	tative an	d returned to					
v										
X Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	05/05/2011 05/05/2011	Richard Willoughby

LMR	Levee Mile	Category	Item	Loca *	Rati	Action/Comment	GPS Latitude/Longitude		Issue No.
<u>8</u>	Start End	Category	item	ation	ng	Action/Comment	Start	End	Photo
1	5.92 13.77	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.254900 ° -120.825855 °	37.172420 ° -120.761173 °	4 Y
2	5.92 13.77	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.254893 ° -120.825852 °	37.172418 ° -120.761172 °	2

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	05/05/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	1						
Start Levee Mile	5.92						
End Levee Mile	13.77						
Location	Water Side						
Category	Earthen Levee						
Item	Vegetation						
Looking at typical view of levee							
richard_s_20110524_001.jpg							



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Bank Left	Unit Miles 5.92							
	Spring (March - May)	Summer (June - August)	(September - November)		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			-						
Date of Inspection	5/5/2011 - 5/5/2011								
DWR Inspector	Richard Willoughby								
Accompanied By									
Check one:									
 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the 									
(In the comment see	n flood project conditions. ction below or on additional sho n (Land Side, Water Side, or C								
Comments									
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000									

Date

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	05/05/2011 05/05/2011	Richard Willoughby

LMR	Levee	Mile	Catagony	Item	Location	Rating	Action/Comment	GPS Latitud	le/Longitude	Issue No.
No.	Start	End	Category	item	tion	ing	Action/Comment	Start	End	Photo
1	0.77	0.77	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.286833 ° -120.874103 °	37.286118 ° -120.868097 °	5
2	0.77	0.77	Earthen Levee	Erosion / Bank Caving	WS	U	Note and monitor erosion site. Inspector Comments: Old erosion site not schedule to be repair. Erosion has eroded to landside shoulder. Not able to pass due to erosion.	37.286835 ° -120.874105 °	37.286835 ° -120.874105 °	6 Y
3	2.33	2.33	Earthen Levee	Encroachments	LS	СО	Ramp Inspector Comments: Wildlife Service need to apply for permit for ramp.	37.291408 ° -120.850893 °	37.291408 ° -120.850893 °	4 Y
4	3.28	3.28	Interior Drainage & Piping Systems	Flap Gates	LS	М	Inspector Comments: Leaking flapgate.	37.279645 ° -120.844783 °	37.279645 ° -120.844783 °	3
5	7.87	13.79	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.286835 ° -120.874105 °	37.255097 ° -120.826143 °	1
6	7.87	13.79	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.286835 ° -120.874105 °	37.255097 ° -120.826143 °	2

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	05/05/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.77
End Levee Mile	0.77
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Looking north erosion sit	e.
richard_s_20110510_538.jpg	

Levee Mile Report Line	2
Start Levee Mile	0.77
End Levee Mile	0.77
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Looking north at erosion shoulder.	extending to landside

richard_s_20110510_539.jpg	
Levee Mile Report Line	3
Start Levee Mile	2.33
End Levee Mile	2.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking northeast at ram	p on waterside slope.







Location LS: Landside WS : Waterside CR : Crown

richard_s_20110510_540.jpg

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Unit Cover Sheet

Spring 2011 Levee Inspection Results

		Water	way		Bank	Unit Miles					
Unit Maintenance Rating (Fall Only) Date of Inspection 5/4/2011 - 5/4/2011 DWR Inspector Richard Willoughby Accompanied By Check one:		Unit No. 03 San	Joaquin River		Right	2.16					
Unit Maintenance Rating (Fall Only) Date of Inspection 5/4/2011 - 5/4/2011 DWR Inspector Richard Willoughby Accompanied By Check one: During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance defliciencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance defliciencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance defliciencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by. Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). Comments One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) and rather 14 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR with any additional sheet is a summer of the current with the prope											
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	X Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.16	05/04/2011 05/04/2011	Richard Willoughby

LMR	Levee Mile		Category	Item *		Rati	Action/Comment	GPS Latitud	Issue No.	
o.	Start	End	Category	item	ation	ng	Action/Comment	Start	End	Photo
1	0.00	2.16	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.111997 ° -120.587339 °	37.088327 ° -120.566951 °	
2	0.00	2.16	Earthen Levee	Vegetation	ws	М	Control annual grass and weeds on the levee slopes and easements.	37.111997 ° -120.587339 °	37.088327 ° -120.566951 °	

** Rating

A : Acceptable PO : Pa
M : Minimally Acceptable CO : Co
U : Unacceptable N : No

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.16	05/04/2011 05/04/2011	Richard Willoughby

Levee Mile Report Line	2				
Start Levee Mile	0.00				
End Levee Mile	2.16				
Location	Water Side				
Category	Earthen Levee				
Item	Vegetation				
Typical view of levee waterside and landside.					
richard_s_20110510_536.jpg					



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles				
	Unit No. 04 San	Joaquin River		Left	1.58				
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)									
Date of Inspection	5/4/2011 - 5/4/2011								
DWR Inspector	Richard Willoughby								
Accompanied By									
Check one:									
project components conditions other tha	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no change	ges in flo					
project components maintenance and th following changes ir (In the comment see	During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).								
Comments									
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	tative an	d returned to				
x									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.58	05/04/2011 05/04/2011	Richard Willoughby

	Levee Mile Category		Item **		Rati	Action/Comment	GPS Latitud	Issue No.		
0.	Start	End	Category	item	tion	ng			End	Photo
	0.00	1.55	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.112521 ° -120.583028 °	37.095442 ° -120.577961 °	1
:	2 0.00	1.55	Earthen Levee	Vegetation	ws	М	Control annual grass and weeds on the levee slopes and easements.	37.112521 ° -120.589028 °	37.095442 ° -120.577961 °	2 Y

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.58	05/04/2011 05/04/2011	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	1.55
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking at typical view of	· levee.
richard_s_20110601_556.jpg	



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles						
	Unit No. 05 East	t Side Bypass		Right	34.75						
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)						
Unit Maintenance Rating (Fall Only)											
Date of Inspection	5/2/2011 - 5/5/2011										
DWR Inspector	Richard Willoughby										
Accompanied By											
Check one:											
project components conditions other tha	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no chan	ges in flo							
project components maintenance and th following changes in	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions.	ee Inspection Report by o maintenance deficience	Mile. In addition to the results cies identified in the report, we	of our no have fou	ormal and the						
	ction below or on additional sho n (Land Side, Water Side, or C										
Comments											
information must also be s	3	eet should be signed ar	d dated by the LMA Represent 31 (Winter Inspection). Please spection Reports, Suite 200	itative an	d returned to						
v											
X Signature of LMA Repres	sentative		Date								

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.75	05/02/2011 05/05/2011	Richard Willoughby

LMR	E Levee Mile		Catagony	Item	Location		Action/Comment	GPS Latitud	le/Longitude	Issue No.
No.	Start	End	Category	пеш	tion	Rating	Action/Comment	Start	End	Photo
1	2.81	2.81	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	37.256803 ° -120.785407 °	37.256803 ° -120.785407 °	3
2	6.50	6.50	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.230497 ° -120.727263 °	37.230497 ° -120.727263 °	15
3	6.58	6.58	Earthen Levee	Repair Gates	CR	M		37.229807 ° -120.726538 °	37.229807 ° -120.726538 °	17 Y
4	8.06	8.06	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.213600 ° -120.706630 °	37.213600 ° -120.706630 °	4
5	8.83	8.83	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.205778 ° -120.696843 °	37.205778 ° -120.696843 °	5
6	25.49	25.54	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.047630 ° -120.488530 °	37.047042 ° -120.488092 °	9
7	29.80	29.80	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.017540 ° -120.431955 °	37.017540 ° -120.431955 °	16

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.75	05/02/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	3
Start Levee Mile	6.58
End Levee Mile	6.58
Location	Crown
Category	Earthen Levee
Item	Repair Gates
Looking south at damage	e gate.
richard_s_20110215_083.jpg	



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Waterway Bank Unit Miles Unit No. 06 East Side Bypass Left 36.38												
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February									
Unit Maintenance Rating (Fall Only)													
Date of Inspection	5/3/2011 - 5/5/2011												
DWR Inspector	Richard Willoughby												
Accompanied By													
Check one:													
project components conditions other that deficiencies identified During the current was project components maintenance and the following changes in	vinter (or summer) inspection pridentified in the attached Leven the results of our normal mailed in the enclosed report. vinter (or summer) inspection pridentified in the attached Levener corrections we have made to a flood project conditions.	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no change ctions we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we	ges in flo enance ociated fl of our no have for	ood project ood ormal und the								
coordinates, location	n (Land Side, Water Side, or C	crown), Item identification	on, and description of the curre	ent condi	tion).								
information must also be	3	eet should be signed ar	nd dated by the LMA Represent th 31 (Winter Inspection). Plea aspection Reports e, Suite 200	tative ar	d returned to								
<u> </u>													

Date

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.38	05/03/2011 05/05/2011	Richard Willoughby

LMR	Levee	Mile	Catagony	Item	Location *	Rating	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	пеш	tion	ing	Action/Comment	Start	End	Photo
1	0.00	36.37	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.275045 ° -120.825952 °	36.974198 ° -120.363352 °	1 Y
2	0.00	36.37	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.275045 ° -120.825948 °	36.974197 ° -120.363350 °	2
3	4.67	4.67	Earthen Levee	Animal Control	CR	W	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.244012 ° -120.761372 °	37.244012 ° -120.761372 °	16 Y
4	6.12	6.12	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.235777 ° -120.738598 °	37.235777 ° -120.738598 °	22
5	6.15	6.15	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.235623 ° -120.738017 °	37.235623 ° -120.738017 °	21
6	14.91	17.23	Earthen Levee	Crown Surface / Depressions / Rutting	LS	W	Keep the crown roadway free of vegetation.	37.163025 ° -120.630648 °	37.141161 ° -120.599867 °	4
7	22.90	22.96	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.088663 ° -120.538193 °	37.087968 ° -120.537485 °	8
8	28.62	28.62	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.030102 ° -120.469122 °	37.030102 ° -120.469122 °	19

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.38	05/03/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	0.00					
End Levee Mile	36.37					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Looking at typical view of levee.						
richard_s_20110601_557.jpg						

Inchard_5_20110001_557.jpg						
Levee Mile Report Line	3					
Start Levee Mile	4.67					
End Levee Mile	4.67					
Location	Crown					
Category	Earthen Levee					
Item	Animal Control					
Looking at squirrel hole on crown of levee.						
richard_s_20110215_084.jpg						





Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles			
	Unit No. 07 Bear	•		Right	3.62			
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)			
Unit Maintenance Rating (Fall Only)								
Date of Inspection	5/2/2011 - 5/2/2011							
DWR Inspector	Richard Willoughby							
Accompanied By								
Check one:								
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in the comment see the comment see the conditions of the c	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 							
Comments								
information must also be	3	eet should be signed ar	nd dated by the LMA Represent th 31 (Winter Inspection). Plea espection Reports e, Suite 200	tative an	d returned to			
X Signature of LMA Repres	sentative		Date					

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	05/02/2011 05/02/2011	Richard Willoughby

2		Mile	Category	Item	Lo R *ae: Action/Comment		GPS Latitud	NO.		
,	Start	End	outogo.y		ation *	Ð	7.636.0	Start	End	Photo
	0.27	3.61	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.257210 ° -120.768075 °	37.254762 ° -120.719727 °	
	2 0.27	3.61	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.257210 ° -120.768067 °	37.254762 ° -120.719738 °	

** Rating

A : Acceptable PC
M : Minimally Acceptable CC
U : Unacceptable N

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	05/02/2011 05/02/2011	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	0.27					
End Levee Mile	3.61					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Typical view of levee						
richard_s_20110510_537.jpg						



** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Waten	wav		Bank	Unit Miles				
	Unit No. 08 Bear	•		Left	3.63				
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)									
Date of Inspection	5/2/2011 - 5/2/2011								
DWR Inspector	Richard Willoughby								
Accompanied By									
Check one:									
project components conditions other tha	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no chan	ges in flo					
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to a flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal				
	ction below or on additional she n (Land Side, Water Side, or C								
Comments									
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000									

Date

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	05/02/2011 05/02/2011	Richard Willoughby

LMR	Levee	Mile	Catagory	Item	Location *	Rating	Action/Comment	GPS Latitud	le/Longitude	Issue No.
No.	Start	End	Category	item	tion	ing	Action/Comment	Start	End	Photo
1	0.00	3.62	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.253097 ° -120.768472 °	37.254012 ° -120.718848 °	
2	0.00	3.62	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.253098 ° -120.768470 °	37.254010 ° -120.718847 °	
3	1.42	1.42	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.263077 ° -120.751528 °	37.263077 ° -120.751528 °	
4	1.61	1.61	Earthen Levee	Animal Control	WS	М	Exterminate rodents and backfill and compact or grout burrows.	37.261842 ° -120.748510 °	37.261842 ° -120.748510 °	
5	2.12	2.12	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	37.257688 ° -120.741573 °	37.257688 ° -120.741573 °	
6	3.40	3.54	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.253052 ° -120.722647 °	37.253600 ° -120.720198 °	3

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	05/02/2011 05/02/2011	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	0.00					
End Levee Mile	3.62					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Looking at typical view of levee						
richard_s_20110525_002.jpg						



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Unit No. 09 Owens	s Creek Bypass		Right	0.88
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	5/4/2011 - 5/4/2011				
DWR Inspector	Richard Willoughby				
Accompanied By					
Check one:					
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in the comment see the comment see the conditions of the c	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report. vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions. ction below or on additional sho n (Land Side, Water Side, or Co	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no chan- ections we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in florenance ociated florenance have for have for evee Mile	ood project ood ormal und the or GPS
Comments					
information must also be	3	eet should be signed an	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	tative an	d returned to
v					
Signature of LMA Repres	centative		Date		

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.88	05/04/2011 05/04/2011	Richard Willoughby

	Levee	Levee Mile Category Item To Ration/Co		Action/Comment	GPS Latitud	e/Longitude	Iss N	sue lo.			
0.	Start	End	Category	item	tion	ng	Action/Comment	Start	End	Ph	noto
	1 0.00	0.88	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	0	0		1
-	2 0.00	0.88	Earthen Levee	Vegetation	ws	М	Control annual grass and weeds on the levee slopes and easements.	0	0	•	2 Y

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.88	05/04/2011 05/04/2011	Richard Willoughby

Levee Mile Report Line	2					
Start Levee Mile	0.00					
End Levee Mile	0.88					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Looking at typical view of levee.						
richard_s_20110601_548.jpg						



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Water	way		Bank	Unit Miles
	Unit No. 10 Owens	s Creek Bypass		Left	0.82
	Spring (March - May)	Summer (June - August)	(September - November)		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	5/4/2011 - 5/4/2011				
DWR Inspector	Richard Willoughby				
Accompanied By					
Check one:					
project components conditions other that deficiencies identified During the current v project components maintenance and the following changes in (In the comment see	vinter (or summer) inspection per identified in the attached Lever in the results of our normal maided in the enclosed report. vinter (or summer) inspection per identified in the attached Lever in flood project conditions. ction below or on additional shon (Land Side, Water Side, or Conditions)	ee Inspection Report by intenance and the corresponding of the correspon	Mile. We have found no chan- ections we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in flotenance ociated flof our not have for	ood project ood ormal und the
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represent the 31 (Winter Inspection). Pleast spection Reports e, Suite 200	itative an	d returned to
x					
Signature of LMA Repres	sentative		Date		

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.82	05/04/2011 05/04/2011	Richard Willoughby

	Levee Mile Category		Item *at		Rati	Action/Comment	GPS Latitude/Longitude			ue o.	
0.00	Start	End	Calegory	пеш	tion	ng	Action/Comment	Start	End	Pho	oto
	1 0.00	0.82	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	0	0		l
:	2 0.00	0.82	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	-	?

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.82	05/04/2011 05/04/2011	Richard Willoughby

Levee Mile Report Line	2					
Start Levee Mile	0.00					
End Levee Mile	0.82					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Looking at typical view of levee.						
richard_s_20110601_549.jpg						



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Unit No. 11 Mar	iposa Bypass		Right	3.31
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	5/5/2011 - 5/5/2011				
DWR Inspector	Richard Willoughby				
Accompanied By					
Check one:	vinter (or summer) inspection p	period, my staff or I have	e inspected the levee and asso	ociated fl	ood
project components conditions other tha	identified in the attached Leve n the results of our normal ma ed in the enclosed report.	ee Inspection Report by	Mile. We have found no chan	ges in flo	
project components maintenance and th following changes in	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions.	ee Inspection Report by maintenance deficience	Mile. In addition to the results cies identified in the report, we	of our no have fou	ormal und the
	ction below or on additional sh n (Land Side, Water Side, or C				
Comments					
information must also be s	3	eet should be signed an	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	itative an	d returned to
v					
X Signature of LMA Repres	sentative		Date		

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	05/05/2011 05/05/2011	Richard Willoughby

	Levee	Mile	Category	Item	Locati	Rati	Action/Comment	GPS Latitud	Issue No.	
0.	Start	End	Category	item	tion	ng	Action/Comment	Start	End	Photo
	0.00	3.31	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.202707 ° -120.754847 °	37.202282 ° -120.754850 °	1
:	2 0.00	3.31	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.202710 ° -120.754845 °	37.202282 ° -120.695167 °	

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	05/05/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	2						
Start Levee Mile	0.00						
End Levee Mile	3.31						
Location	Land Side						
Category	Earthen Levee						
Item	Vegetation						
Looking at typical view of levee.							
richard_s_20110601_550.jpg							



** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Waten	wav		Bank	Unit Miles							
	Unit No. 12 Mari	•		Left	3.33							
	Spring Summer (September - November)											
Unit Maintenance Rating (Fall Only)	(Wator Way)	(ounc /lugust)	i ali	(Decenii	ber - February)							
Date of Inspection	5/5/2011 - 5/5/2011											
DWR Inspector	Richard Willoughby											
Accompanied By												
Check one:												
During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).												
Comments												
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000												

X

Signature of LMA Representative

Date

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	05/05/2011 05/05/2011	Richard Willoughby

LMR	Levee	Mile	Category	Item	Location	Rating	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Calegory	Item	tion	ng	Action/Comment	Start	End	Photo
1	0.00	3.32	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.200943 ° -120.755162 °	37.200935 ° -120.694930 °	3 Y
2	0.00	3.32	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.200942 ° -120.755152 °	37.200937 ° -120.694930 °	4
3	2.33	2.33	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	37.200907 ° -120.712978 °	37.200907 ° -120.712978 °	1
4	2.33	2.33	Earthen Levee	Animal Control	WS	М	Exterminate rodents and backfill and compact or grout burrows.	37.200878 ° -120.712965 °	37.200878 ° -120.712965 °	2

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	05/05/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	1							
Start Levee Mile	0.00							
End Levee Mile	3.32							
Location	Land Side							
Category	Earthen Levee							
Item Vegetation								
Looking at typical view of	f levee.							
richard_s_20110601_551.jpg								



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Unit No. 13 A	ash Slough		Right	1.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	5/3/2011 - 5/3/2011				
DWR Inspector	Richard Willoughby				
Accompanied By					
Check one:					
project components conditions other tha	vinter (or summer) inspection p identified in the attached Leve in the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no chan	ges in flo	
project components maintenance and the	vinter (or summer) inspection p identified in the attached Leve se corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal
	ction below or on additional sho n (Land Side, Water Side, or C				
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	itative an	d returned to
X Signature of LMA Repres	contativo		Data		
Signature of LIVIA Repres	SCIIIalive		Date		

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.28	05/03/2011 05/03/2011	Richard Willoughby

LMR	Levee	Mile	Category	Item	Locat			GPS Latitud	GPS Latitude/Longitude		
<u>₹</u>	Start	End	Outogory	itom	ation	ng	7 Cuoti Comment	Start	End	Photo	
1	0.00	1.28	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	0	0	'	
2	0.00	1.28	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	_	
3	0.14	0.14	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.035697 ° -120.441197 °	37.035697 ° -120.441197 °	3	

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.28	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	1.28
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking at typical view of	· levee.
richard_s_20110601_552.jpg	



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Water Unit No. 14 A	•		Bank Left	Unit Miles
	Official 147	Name of the state		Leit	1.20
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	5/3/2011 - 5/3/2011				
DWR Inspector	Richard Willoughby				
Accompanied By					
Check one:					
project components conditions other tha	winter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report.	ee Inspection Report by	Mile. We have found no chang	ges in flo	
project components maintenance and th following changes in	winter (or summer) inspection p identified in the attached Leve the corrections we have made to in flood project conditions.	ee Inspection Report by maintenance deficience	Mile. In addition to the results cies identified in the report, we	of our no have for	ormal und the
	ction below or on additional sho n (Land Side, Water Side, or C				
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represen ch 31 (Winter Inspection). Plea aspection Reports e, Suite 200	tative an	d returned to
Y					

Date

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	05/03/2011 05/03/2011	Richard Willoughby

	Levee	Mile	Category	Item	Loca	Rati	Action/Comment	GPS Latitud	e/Longitude	lss N	sue No.
No.	Start	End	Category	item	tion	ng	Action/Comment	Start	End	Ph	noto
	0.00	1.28	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	0	0		1
- 2	2 0.00	1.28	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0		2 Y

** Rating

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U : Unacceptable

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Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	1.28
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking at typical view of	f levee.
richard_s_20110601_553.jpg	



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Unit No. 15 Ber	enda Slough		Right	2.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	5/3/2011 - 5/3/2011				
DWR Inspector	Richard Willoughby				
Accompanied By					
Check one:					
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in the comment see the com	vinter (or summer) inspection p identified in the attached Leven in the results of our normal mailed in the enclosed report. vinter (or summer) inspection p identified in the attached Leven in corrections we have made to in flood project conditions.	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no chan- ections we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in flor renance ociated flor of our not have four	ood project ood ormal und the
Comments					
information must also be s	3	eet should be signed an	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports 9, Suite 200	tative an	d returned to
X Signature of LMA Repres	sentative		Date		

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	05/03/2011 05/03/2011	Richard Willoughby

	Levee	Mile	Category	Item	* & * # Action/Commont		GPS Latitud	e/Longitude	lss N	sue No.	
No.	Start	End	Category	item	tion	ng	Action/Comment	Start	End	Ph	noto
	0.00	2.03	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	0	0		1
- 2	2 0.00	2.03	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0		2 Y

** Rating

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U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	2						
Start Levee Mile	0.00						
End Levee Mile	2.03						
Location	Water Side						
Category	Earthen Levee						
Item	Vegetation						
Looking at typical view of levee.							
richard_s_20110601_554.jpg							



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Waten Unit No. 16 Ber	•		Bank Left	Unit Miles						
	Spring Summer (September - November) (March - May) (June - August) Fall										
Unit Maintenance Rating (Fall Only)	(Waren - Way)	(Julie - August)	Fall	(Deceiii	ber - February)						
Date of Inspection	5/3/2011 - 5/3/2011										
DWR Inspector	Richard Willoughby										
Accompanied By											
Check one:	vinter (or summer) inspection p	period. mv staff or I hav	e inspected the levee and asso	ociated fl	ood						
project components conditions other tha	identified in the attached Leve n the results of our normal mai ed in the enclosed report.	ee Inspection Report by	Mile. We have found no chang	ges in flo							
project components maintenance and th	winter (or summer) inspection p identified in the attached Leve se corrections we have made to n flood project conditions.	ee Inspection Report by	Mile. In addition to the results	of our no	ormal						
	ction below or on additional sho n (Land Side, Water Side, or C										
Comments											
information must also be a DWR with any additional s	One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000										
v											

Date

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.98	05/03/2011 05/03/2011	Richard Willoughby

	Levee Mile Category		Locati * true *		Rati	Action/Comment	GPS Latitude/Longitude			ie D.	
. No.	Start	End	Calegory	пеш	tion	ng	Action/Comment	Start	End	Pho	to
	1 0.00	1.98	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	0	0	'	
:	2 0.00	1.98	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	-	

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.98	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	2					
Start Levee Mile	0.00					
End Levee Mile	1.98					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Looking at typical view of levee.						
richard_s_20110601_555.jpg						



Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Right	16.09			
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)					
Date of Inspection	5/3/2011 - 5/3/2011				
DWR Inspector	Richard Willoughby				
Accompanied By					
Check one:					
project components conditions other that deficiencies identified	vinter (or summer) inspection p identified in the attached Leve n the results of our normal ma ed in the enclosed report.	ee Inspection Report by intenance and the corre	Mile. We have found no chan- ections we have made to main	ges in flo enance	od project
project components maintenance and th following changes in	winter (or summer) inspection p identified in the attached Leve e corrections we have made to a flood project conditions. ction below or on additional sh	ee Inspection Report by maintenance deficience	Mile. In addition to the results cies identified in the report, we	of our no have fou	ormal und the
coordinates, location	n (Land Side, Water Side, or C	Crown), Item identification	on, and description of the curre	ent condit	ion).
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represent 31 (Winter Inspection). Pleast spection Reports e, Suite 200	tative an	d returned to
x					
Signature of LMA Repres	sentative		Date		

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	05/03/2011 05/03/2011	Richard Willoughby

LMR	Leve	e Mile	Category	Item	Location	Rating	Action/Comment	GPS Latitud	le/Longitude	Issue No.
No.	Start	End	Calegory	пеш	tion	ing	Action/Comment	Start	End	Photo
1	0.00	16.09	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	1 Y
2	0.00	16.09	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	_
3	6.51	6.60	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	36.898124 ° -120.326714 °	36.896943 ° -120.326133 °	4
4	7.27	7.39	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.887869 ° -120.321697 °	36.886341 ° -120.320940 °	5
5	8.11	8.28	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.876132 ° -120.317926 °	36.873749 ° -120.317465 °	6

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	0.00					
End Levee Mile	16.09					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Looking downstream at t	ypical view of levee.					
richard_s_20110531_001.jpg						



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

Waterway Bank Unit Miles										
Unit No. 18 Chowchilla Canal Bypass L										
	Spring Summer (September - November) (March - May) (June - August) Fall									
Unit Maintenance Rating (Fall Only)										
Date of Inspection	5/3/2011 - 5/3/2011									
DWR Inspector	Richard Willoughby									
Accompanied By										
Check one: During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). Comments One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports										
		310 El Camino Avenue Sacramento, CA 95821-								

Date

Monday, June 06, 2011 15:23

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.33	05/03/2011 05/03/2011	Richard Willoughby

LMR	Levee Mile		Item *ati		Rating	Action/Comment	GPS Latitud	GPS Latitude/Longitude		
No.	Start	End	Category	item	ocation	Îŋ	Action/Comment	Start	End	Photo
1	0.00	15.24	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	36.974118 ° -120.363225 °	36.774547 ° -120.285895 °	
2	0.00	15.24	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	36.974132 ° -120.363232 °	36.774547 ° -120.285895 °	2
3	2.25	2.25	Earthen Levee	Seepage / Sandboils	LS	Α	Inspector Comments: Seepage found on 4-12-11 by district.	36.945595 ° -120.347117 °	36.945595 ° -120.347117 °	

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.33	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	0.00					
End Levee Mile	15.24					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Looking upstream of typical view of levee.						
richard_s_20110601_001.jpg						



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Water	way		Bank	Unit Miles				
	Unit No. 22A Ea	•		Left	5.50				
		_							
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)									
Date of Inspection	5/2/2011 - 5/2/2011								
DWR Inspector	Richard Willoughby								
Accompanied By									
Check one:									
project components conditions other that deficiencies identifies During the current w project components maintenance and the following changes in (In the comment see	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 								
	sheets by September 30 (Sumall of this information to:	mer Inspection) or Maro WR Summer/Winter In	ch 31 (Winter Inspection). Plea espection Reports						
		310 El Camino Avenue Sacramento, CA 95821-							

Date

Monday, June 06, 2011 15:24

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	05/02/2011 05/02/2011	Richard Willoughby

LMR	Levee	Mile	Catamami	lto	Location	Rating	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	Item	ation	ing *	Action/Comment	Start	End	Photo
1	0.00	5.50	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	5 Y
2	0.00	5.50	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	U
3	0.10	0.10	Earthen Levee	Erosion / Bank Caving	WS	М	Note and monitor erosion site. Inspector Comments: Erosion located next to screw gate.	37.206985 ° -120.696225 °	37.206985 ° -120.696225 °	7 Y
4	0.68	0.88	Earthen Levee	Vegetation	LS	М	Remove the wild growth other than native grasses from the levee slopes.	37.215360 ° -120.698078 °	37.218128 ° -120.697457 °	8
5	3.44	3.44	Earthen Levee	Slope Stability	ws	М	Repair the levee slope damaged by foot traffic and prevent access where possible.	37.251372 ° -120.715320 °	37.251372 ° -120.715320 °	2
6	3.65	3.65	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible. Inspector Comments: There're several slope stability along this channel cause by animal foot traffic that need to be monitored.	37.253465 ° -120.717952 °	37.253465 ° -120.717952 °	
7	3.85	3.85	Channels	Encroachments	WS	М	Inspector Comments: Stevenson Irrigation District contructed a concrete weir across channel without a permit. Still waiting for permit.	37.255568 ° -120.720551 °	37.255568 ° -120.720551 °	4 Y
8	4.68	4.68	Channels	Encroachments	WS	М	Inspector Comments: Old wooden bridge in channel should be removed.	37.264250 ° -120.731280 °	37.264250 ° -120.731280 °	3 Y

* Location

LS: Landside

WS: Waterside

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	05/02/2011 05/02/2011	Richard Willoughby

Levee Mile Report Line	1				
Start Levee Mile	0.00				
End Levee Mile	5.50				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking at typical view of levee.					
richard_s_20110606_096.jpg					

Levee Mile Report Line	3
Start Levee Mile	0.10
End Levee Mile	0.10
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Looking downstream at erosion around screw gate can on waterside slope.

richard_s_20110215_093.jpg

Levee Mile Report Line	3				
Start Levee Mile	0.10				
End Levee Mile	0.10				
Location	Water Side				
Category	Earthen Levee				
Item	Erosion / Bank Caving				
Looking upstream at erosion around screw gate can.					
richard_s_20110215_094.jpg					







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	05/02/2011 05/02/2011	Richard Willoughby

Levee Mile Report Line	3		
Start Levee Mile	0.10		
End Levee Mile	0.10		
Location	Water Side		
Category	Earthen Levee		
Item	Erosion / Bank Caving		
Looking at erosion near and around screw gate can.			
richard_s_20110215_095.jpg			

Levee Mile Report Line	6	
Start Levee Mile	3.65	
End Levee Mile	3.65	
Location	Water Side	
Category	Earthen Levee	
Item	Slope Stability	
Looking upstream at one of several slope stablility along canal.		

richard_s_20110215_085.jpg

Levee Mile Report Line	6
Start Levee Mile	3.65
End Levee Mile	3.65
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Looking at one of several	l slope stability along
canal.	







Location LS: Landside WS : Waterside CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	05/02/2011 05/02/2011	Richard Willoughby

Levee Mile Report Line	7
Start Levee Mile	3.85
End Levee Mile	3.85
Location	Water Side
Category	Channels
Item	Encroachments
Looking northeast at weir	r in channel.
richard_s_20110215_090.jpg	

Levee Mile Report Line	7	
Start Levee Mile	3.85	
End Levee Mile	3.85	
Location	Water Side	
Category	Channels	
Item	Encroachments	
Looking at upstream side of weir.		
richard_s_20110215_091.jpg		

Levee Mile Report Line	7
Start Levee Mile	3.85
End Levee Mile	3.85
Location	Water Side
Category	Channels
Item	Encroachments
Looking north at weir.	







~ Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	05/02/2011 05/02/2011	Richard Willoughby

Levee Mile Report Line	8		
Start Levee Mile	4.68		
End Levee Mile	4.68		
Location	Water Side		
Category	Channels		
Item	Encroachments		
Looking downstream at dilapidated bridge in channel.			
richard_s_20110215_087.jpg			

Levee Mile Report Line	8
Start Levee Mile	4.68
End Levee Mile	4.68
Location	Water Side
Category	Channels
Item	Encroachments
Looking southeast at dila channel.	pidated bridge in

richard_s_20110215_088.jpg			
Levee Mile Report Line	8		
Start Levee Mile	4.68		
End Levee Mile	4.68		
Location	Water Side		
Category	Channels		
Item	Encroachments		
Looking northeast at dilapidated bridge in channel.			
richard_s_20110215_089.jpg			







* Location

LS: Landside

WS: Waterside

CR: Crown

^^ Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Waterway			Bank	Unit Miles		
	Unit No. 23 San Joaquin River				10.25	
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)	
Unit Maintenance Rating (Fall Only)						
Date of Inspection	5/3/2011 - 5/3/2011					
DWR Inspector	Richard Willoughby					
Accompanied By						
Check one:						
 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 						
Comments						
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000						
•						
X Signature of LMA Repres	sentative		Date			

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.25	05/03/2011 05/03/2011	Richard Willoughby

LMR No.	Levee	Mile	Category	Item	Location *	Rating	Action/Comment	GPS Latitude/Longitude Start End	Issue No. Photo
1	0.01	10.25	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	36.774353 ° 36.814792 ° -120.283698 ° -120.168847 °	2 Y
2	0.01	10.25	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	36.774353 ° 36.814788 ° -120.283695 ° -120.168847 °	1
3	0.28	0.28	Earthen Levee	Seepage / Sandboils	LS	Α	Inspector Comments: Seepage not running at time of inspection.	36.772268 ° 36.772268 ° -120.279598 °	4
4	0.52	0.52	Earthen Levee	Seepage / Sandboils	LS	Α	Inspector Comments: Boil found by district, boil running clear. But not running at time of inspection.	36.773462 ° 36.773462 ° -120.275933 ° -120.275933 °	6
5	1.90	1.90	Earthen Levee	Seepage / Sandboils	LS	Α	Inspector Comments: Boil found on 4-6-11 by district, boil running clear	36.772847 ° 36.772847 ° -120.253517 ° -120.253517 °	8
6	3.30	3.30	Earthen Levee	Vegetation	LS	М	Elderberries are blocking visibility and flood fight capability.	36.774403 ° 36.774403 ° -120.234705 ° -120.234705 °	3
7	3.45	3.45	Earthen Levee	Vegetation	LS	М	Elderberries are blocking visibility and flood fight capability.	36.776537 ° 36.776537 ° -120.234573 ° -120.234573 °	9
8	4.14	4.14	Earthen Levee	Vegetation	LS	М	Elderberries are blocking visibility and flood fight capability.	36.784212 ° 36.784212 ° -120.228815 ° -120.228815 °	10
9	4.46	4.46	Earthen Levee	Vegetation	LS	М	Elderberries are blocking visibility and flood fight capability.	36.784523 ° 36.784523 ° -120.223292 °	11
10	5.23	5.23	Earthen Levee	Encroachments	WS	U	Material Inspector Comments: Sand pile in levee channel over three feet high. Pile is to close to levee.	36.791400 ° 36.791400 ° -120.214222 ° -120.214222 °	7 Y
11	5.68	5.72	Earthen Levee	Animal Control	WS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.792012 ° 36.791857 ° -120.206270 ° -120.205685 °	5

* Location
LS: Landside
WS: Waterside
CR: Crown

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.25	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	10.25
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking at typical view of	f levee.
richard_s_20110606_099.jpg	

Levee Mile Report Line	10						
Start Levee Mile	5.23						
End Levee Mile	5.23						
Location	Water Side						
Category	Earthen Levee						
Item	Encroachments						
Looking upstream (south) at sand pile within 100 of waterside levee toe.							

richard s 20110215 096 inc

richard_s_20110215_096.jpg	
Levee Mile Report Line	10
Start Levee Mile	5.23
End Levee Mile	5.23
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking southwest at sar waterside levee toe.	nd pile within 100' of







richard_s_20110215_097.jpg

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.25	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	10
Start Levee Mile	5.23
End Levee Mile	5.23
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking downstream (no 100' of waterside levee to	, .
richard_s_20110215_098.jpg	



Unit Cover Sheet

Spring 2011 Levee Inspection Results

Lower San Joaquin Levee District

	Waterway Bank Unit Miles Unit No. 24 San Joaquin River Left 8.34												
	Spring Summer (September - November) (March - May) (June - August) Fall												
Unit Maintenance Rating (Fall Only)													
Date of Inspection	5/3/2011 - 5/3/2011												
DWR Inspector	Richard Willoughby												
Accompanied By													
Check one:													
project components conditions other that deficiencies identified. During the current with project components maintenance and the	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. 												
(In the comment secondinates, location	ction below or on additional sho n (Land Side, Water Side, or C	eet(s), identify change crown), Item identification	of condition by: Start to End Le on, and description of the curre	evee Mile ent condi	e or GPS tion).								
Comments													
information must also be a DWR with any additional s	One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000												
<u> </u>													

Date

Signature of LMA Representative

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.34	05/03/2011 05/03/2011	Richard Willoughby

LMR	Levee	Mile	Category	Item	Location *	Action/Comment		GPS Latitud	GPS Latitude/Longitude		
₽ S	Start	End	Calegory	Item	tion	ng	Action/Comment	Start	End	Photo	
1	0.01	8.34	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	36.773042 ° -120.285207 °	36.778208 ° -120.184250 °	2	
2	0.01	8.34	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	36.773038 ° -120.285203 °	36.778210 ° -120.184255 °		
3	1.75	1.75	Earthen Levee	Erosion / Bank Caving	LS	U	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Large sink hole 15-18' from landside toe. See field investigation report for more detail.	36.771117 ° -120.266202 °	36.771117 ° -120.266202 °	1 Y	
4	3.46	3.46	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	36.769345 ° -120.238370 °	36.769345 ° -120.238370 °	7	

** Rating

A : Acceptable PO : Partial CO : Compl U : Unacceptable N : Not Ins

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.34	05/03/2011 05/03/2011	Richard Willoughby

Levee Mile Report Line	3					
Start Levee Mile	1.75					
End Levee Mile	1.75					
Location	Land Side					
Category	Earthen Levee					
Item	Erosion / Bank Caving					
Looking west at sink hole along farmer road and fence line.						
richard_s_20110524_002.jpg						

Levee Mile Report Line	3					
Start Levee Mile	1.75					
End Levee Mile	1.75					
Location	Land Side					
Category	Earthen Levee					
Item	Erosion / Bank Caving					
Looking north at sink hole along fence line and farmer road.						
richard_s_20110531_003.jpg						





Unit Cover Sheet

Spring 2011 Levee Inspection Results

	Water	way		Bank	Unit Miles		
	Unit No. 25 S	Salt Slough		Right	2.47		
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)		
Unit Maintenance Rating (Fall Only)							
Date of Inspection	5/5/2011 - 5/5/2011						
DWR Inspector	Richard Willoughby						
Accompanied By							
Check one:							
project components conditions other that deficiencies identifies During the current with project components maintenance and the following changes in (In the comment see	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report. vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions. ction below or on additional sho n (Land Side, Water Side, or Co	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no chan- ections we have made to maint e inspected the levee and asso Mile. In addition to the results sies identified in the report, we of condition by: Start to End Le	ges in flor renance ociated flor of our not have four	ood project ood ormal und the		
Comments							
information must also be s	3	eet should be signed an	nd dated by the LMA Represent 31 (Winter Inspection). Please spection Reports , Suite 200	tative an	d returned to		
X Signature of LMA Repres	sentative		Date				

Levee Inspection Report By Mile - Spring 2011

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.47	05/05/2011 05/05/2011	Richard Willoughby

LMR	Levee	Mile	Catagony	Itom	Loca	Rating	Action/Comment	GPS Latitu	GPS Latitude/Longitude	
No.	Start	End	Category	Item	ocation	ing	Action/Comment	Start	End	Photo
1	0.00	2.47	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	2
2	0.00	2.47	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	0	0	3
3	0.27	1.77	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Keep the crown roadway free of vegetation.	37.292165 ° -120.880693 °	37.271175 ° -120.866618 °	1

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Spring 2011

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.47	05/05/2011 05/05/2011	Richard Willoughby

Levee Mile Report Line	2					
Start Levee Mile	0.00					
End Levee Mile	2.47					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Looking at typical view of levee.						
richard_s_20110601_546.jpg						

